

# FEE TRANSMITTAL for FY 2003

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180

Complete if Known

Application Number 09/686,020  
Filing Date October 10, 2000  
First Named Inventor Gosling, Jennifa  
Examiner Name Bunner, Bridget E.  
Art Unit 1647  
Attorney Docket No. 019934-000710US

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit  
Account  
Number

20-1430

Deposit  
Account  
Name

Townsend and Townsend and Crew LLP

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity |          | Small Entity |          | Fee Description        | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |                        |          |
| 1001         | 750      | 2001         | 375      | Utility filing fee     |          |
| 1002         | 330      | 2002         | 165      | Design filing fee      |          |
| 1003         | 520      | 2003         | 260      | Plant filing fee       |          |
| 1004         | 750      | 2004         | 375      | Reissue filing fee     |          |
| 1005         | 160      | 2005         | 80       | Provisional filing fee |          |

SUBTOTAL (1)

(\$)

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

|                    | Extra Claims | Fees from below | Fee Paid |
|--------------------|--------------|-----------------|----------|
| Total Claims       | -** =        | X               |          |
| Independent Claims | -** =        | X               |          |
| Multiple Dependent |              | X               |          |

| Large Entity |          | Small Entity |          | Fee Description  |
|--------------|----------|--------------|----------|--|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |  |
| 1202         | 18       | 2202         | 9        | Claims in excess of 20                                     |
| 1201         | 84       | 2201         | 42       | Independent claims in excess of 3                          |
| 1203         | 280      | 2203         | 140      | Multiple dependent claim, if not paid                      |
| 1204         | 84       | 2204         | 42       | ** Reissue independent claims over original patent         |
| 1205         | 18       | 2205         | 9        | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2)

(\$)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Entity |          | Small Entity |          | Fee Description  | Fee Paid |
|--------------|----------|--------------|----------|--|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |  |          |
| 1051         | 130      | 2051         | 65       | Surcharge - late filing fee or oath  |          |
| 1052         | 50       | 2052         | 25       | Surcharge - late provisional filing fee or cover sheet.                    |          |
| 1053         | 130      | 1053         | 130      | Non-English specification  |          |
| 1812         | 2,520    | 1812         | 2,520    | For filing a request for reexamination                                     |          |
| 1804         | 920*     | 1804         | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805         | 1,840*   | 1805         | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251         | 110      | 2251         | 55       | Extension for reply within first month                                     |          |
| 1252         | 410      | 2252         | 205      | Extension for reply within second month                                    |          |
| 1253         | 930      | 2253         | 465      | Extension for reply within third month                                     |          |
| 1254         | 1,450    | 2254         | 725      | Extension for reply within fourth month                                    |          |
| 1255         | 1,970    | 2255         | 985      | Extension for reply within fifth month                                     |          |
| 1401         | 320      | 2401         | 160      | Notice of Appeal   |          |
| 1402         | 320      | 2402         | 160      | Filing a brief in support of an appeal                                     |          |
| 1403         | 280      | 2403         | 140      | Request for oral hearing   |          |
| 1451         | 1,510    | 1451         | 1,510    | Petition to institute a public use proceeding                              |          |
| 1452         | 110      | 2452         | 55       | Petition to revive - unavailing  |          |
| 1453         | 1,300    | 2453         | 650      | Petition to revive - unintentional   |          |
| 1501         | 1,300    | 2501         | 650      | Utility issue fee (or reissue)   |          |
| 1502         | 470      | 2502         | 235      | Design issue fee   |          |
| 1503         | 630      | 2503         | 315      | Plant issue fee  |          |
| 1460         | 130      | 1460         | 130      | Petitions to the Commissioner  |          |
| 1807         | 50       | 1807         | 50       | Petitions related to provisional applications                              |          |
| 1806         | 180      | 1806         | 180      | Submission of Information Disclosure Stmt                                  | 180      |
| 8021         | 40       | 8021         | 40       | Recording each patent assignment per property (times number of properties) |          |
| 1809         | 750      | 2809         | 375      | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 1810         | 750      | 2810         | 375      | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 1801         | 750      | 2801         | 375      | Request for Continued Examination (RCE)                                    |          |
| 1802         | 900      | 1802         | 900      | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)180

## SUBMITTED BY

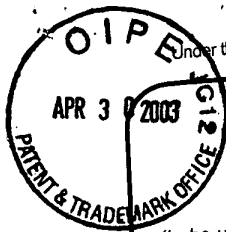
Complete (if applicable)

Name (Print/Type) Scott L. Aarsenhus Registration No. (Attorney/Agent) 42,271 Telephone 303-571-4000  
Signature [Signature] Date April 29, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, DE 7102936 v1

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

|  |                      |                        |                 |
|--|----------------------|------------------------|-----------------|
|  | Application Number   | 09/686,020             |                 |
|  | Filing Date          | October 10, 2000       |                 |
|  | First Named Inventor | Gosling, Jennifa       |                 |
|  | Art Unit             | 1647                   |                 |
|  | Examiner Name        | Bunner, Bridget E.     |                 |
| Total Number of Pages in This Submission | 1                    | Attorney Docket Number | 019934-000710US |

## ENCLOSURES (Check all that apply)

|  |  |  |
|--|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment / Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input checked="" type="checkbox"/> Information Disclosure Statement<br>copies of documents from 3 copending applications and 9 cited references<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/ Incomplete Application<br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) | <input type="checkbox"/> After Allowance Communication to Group<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>Return Postcard |
|--|--|--|

Remarks

The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

|                    |   |                 |
|--------------------|---|-----------------|
| Firm or Individual | Townsend and Townsend and Crew LLP<br>Scott L. Ausenhus | Reg. No. 42,271 |
| Signature          | <i>Scott Ausenhus</i>                                   |                 |
| Date               | April 29, 2003  |                 |

## CERTIFICATE OF MAILING

Express Mail Label: EV 154335654 US  
 I hereby certify that this correspondence is being deposited with the United States Postal Service with "Express Mail Post Office to Address" service under 37 CFR 1.10 on this date April 29, 2003 and is addressed to:  
 Assistant Commissioner for Patents, Washington, D.C. 20231

|                       |                            |      |                |
|-----------------------|----------------------------|------|----------------|
| Typed or printed name | Maisie C. Livengood        | Date | April 29, 2003 |
| Signature             | <i>Maisie C. Livengood</i> |      |                |

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Date of Deposit April 29, 2003

PATENT  
Attorney Docket No.: 019934-000710US  
Client Reference No.: T019934-  
000710US

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P.O. Box 1450  
Alexandria, VA 22313-1450

By: Maisie C. Livengood  
Maisie C. Livengood



#21  
B.G.J  
5/27/03

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

GOSLING et al.

Application No.: 09/686,020

Filed: October 10, 2000

For: METHODS OF TREATING A CCX  
CKR-MEDIATED DISEASE  
(AMENDED)

Examiner: Bunner, Bridget E.

Art Unit: 1647

SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT UNDER 37  
CFR §1.97 and §1.98

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

05/05/2003 H6UTEHA1 00000005 201430

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Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Applicants also request that the following co-pending applications be expressly consideration during prosecution of this application: (1) U.S. Patent Application No. 09/686,019 filed October 10, 2000 (copy enclosed); (2) U.S. Patent Application 09/721,341 filed November 21, 2000 (no copy enclosed as the 341 is a continuation of, and identical to, the instant

application) and amendments to claims made in the Amendment filed November 26, 2002 (copy enclosed); and U.S. Patent Application No. 09/721,495 filed November 21, 2000, and claims as pending following entry of Preliminary Amendment filed November 1, 2002.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

This IDS is being filed before the mailing date of the final Office Action or Notice of Allowance.

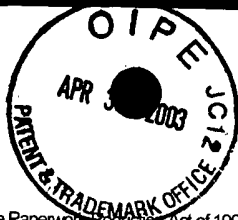
Please charge the IDS fee of \$180 to Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Scott L. Ausenhus  
Reg. No. 42,271

TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, 8<sup>th</sup> Floor  
San Francisco, California 94111-3834  
Tel: 303-571-4000  
Fax: 303-571-4321  
SLA:mcl  
DE 7101449 v1



PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Page 1 of 2

**Complete if Known**

|                        |                           |
|------------------------|---------------------------|
| Application Number     | 09/686,020                |
| Filing Date            | October 10, 2000          |
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| Art Unit               | 1647                      |
| Examiner Name          | Bunner, Bridget E.        |
| Attorney Docket Number | 019934-000710US           |

**U.S. PATENT DOCUMENTS**

| Examiner | Cite No. <sup>1</sup> | Document Number<br>Number Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|----------|-----------------------|---|--------------------------------|--|---|
|          | AA                    | 6,110,695   | 08-29-2000                     | Gunn et al.  |   |

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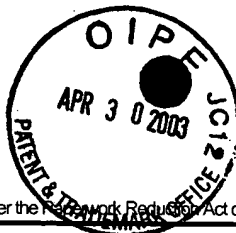
|                       |  |                    |  |
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| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup> Applicant's unique citation designation number (optional). <sup>3</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Page 2 of 2

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| Application Number     | 09/686,020                |
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| Art Unit               | 1647                      |
| Examiner Name          | Bunner, Bridget E.        |
| Attorney Docket Number | 019934-000710US           |

**NON PATENT LITERATURE DOCUMENTS**

| Examiner<br>Initials * | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|------------------------|--------------------------|---|----------------|
|                        | AB                       | BORK, PEER, et al; Go hunting in sequence databases but watch out for the traps; <i>Trends in Genetics</i> ; October 1996; pp. 425-427; Vol. 12, No. 10   |                |
|                        | AC                       | BORK, PEER; Powers and Pitfalls in Sequence Analysis: The 70% Hurdle; <i>Genome Research</i> ; 2000; pp. 398-400; Vol. 10   |                |
|                        | AD                       | BRENNER, Steven E.; Errors in genome annotation; <i>Trends in Genetics</i> ; April 1999; pp. 132-133; Vol. 15, No. 4  |                |
|                        | AE                       | DOERKS, TOBIAS, et al.; Protein annotation: detective work for function prediction; <i>Trends in Genetics</i> ; June 1998; pp. 248-250; Vol. 14, No. 6  |                |
|                        | AF                       | NGO, J. THOMAS, et al; Computational Complexity, Protein Structure Prediction, and the Levinthal Paradox; <i>The Protein Folding Problem and Tertiary Structure Prediction</i> , K. Merz, Jr. and S. LeGrand, Editors; 1994; pp. 491-495; Birkhauser, Boston    |                |
|                        | AG                       | SKOLNICK, JEFFREY, et al; From gene to protein structure and function: novel applications of computational approaches in the genomic era; <i>Trends in Biotech</i> ; 2000; pp. 34-39; Vol. 18, No. 1  |                |
|                        | AH                       | SMITH, TEMPLE F., et al; The challenges of genome sequence annotation or "The devil is in the details"; <i>Nature Biotechnology</i> ; November 1997; pp. 1222-1223; Vol. 15   |                |
|                        | AI                       | Wells, James A.; Additivity of Mutational Effects in Proteins; <i>Biochemistry</i> ; September 18, 1990; pp. 8509-8517; Vol. 29, No. 37   |                |

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| Examiner<br>Signature |  | Date<br>Considered |  |
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<sup>2</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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